

**The content of practical lessons in Human anatomy  
for the first year students, Faculty of MEDICINE nr. 2,  
II semester, academic year 2020-2021**

	<b>THEME</b>
<b>01 – 04.09.20</b>	<ol style="list-style-type: none"> <li>1. Spinal cord and spinal meninges – structure, topography, examination in the living body.</li> <li>2. <i>Medulla oblongata, pons, cerebellum – external and internal features.</i></li> </ol>
<b>07 – 11.09.20</b>	<ol style="list-style-type: none"> <li>3. <i>Rhomboid fossa, isthmus rhombencephali, midbrain – external and internal features. The fourth ventricle – walls, communications. Reticular formation.</i></li> <li>4. Diencephalon – components, external and internal features. The third ventricle – walls, communications. Epiphysis and hypophysis – features, functional role.</li> </ol>
<b>14 – 18.09.20</b>	<ol style="list-style-type: none"> <li>5. Cerebral hemispheres, the relief of the cortex. The cortical areas and their functions. Limbic system.</li> <li>6. White matter of the hemispheres. Basal nuclei and related structures. The lateral ventricles.</li> </ol>
<b>21 – 25.09.20</b>	<ol style="list-style-type: none"> <li>7. Cranial meninges and cerebrospinal fluid (CSF). Examination of the brain in the living body.</li> <li>8. Conducting pathways of the central nervous system.</li> </ol>
<b>28.09 – 02.10.20</b>	<ol style="list-style-type: none"> <li>9. <b>ASSESSMENT (SIMU test and practical skills).</b> Autonomic (vegetative) nervous system – generalities, components.</li> <li>10. Visual system – generalities. Eye and related structures. Eyeball and accessory ocular structures. The cranial nerves II, III, IV, VI. Conducting pathway of the visual system, examination in the living body.</li> </ol>
<b>05 – 09.10.20</b>	<ol style="list-style-type: none"> <li>11. Ear (external, middle and internal). The cranial nerve VIII. Conducting pathways of the acoustic and vestibular systems (analyzers), examination in the living body.</li> <li>12. Trigeminal nerve – generalities. The I, II, III branches of the trigeminal nerve, areas of innervation, its conducting pathway, examination in the living body.</li> </ol>
<b>12 – 16.10.20</b>	<ol style="list-style-type: none"> <li>13. Facial nerve – fiber components, areas of innervation, connections, conducting pathway, examination in the living body.</li> <li>14. <i>Vagus nerve – segments, branches, areas of innervation, connections. Conducting pathway of the vagus nerve, examination in the living body.</i></li> </ol>
<b>19 – 23.10.20</b>	<ol style="list-style-type: none"> <li>15. <i>Glossopharyngeal nerve – nuclei, types of fibers, branches, areas of innervation, connections. Olfactory nerves and terminal nerve. Olfactory and gustatory systems (analyzers) – conducting pathways, examination in the living body.</i></li> <li>16. The cranial nerves XI and XII – branches, areas of innervation, connections, examination in the living body. Innervation of the tongue.</li> </ol>
<b>26.10 – 30.11.20</b>	<ol style="list-style-type: none"> <li>17. <b>ASSESSMENT (SIMU test and practical skills).</b></li> <li>18. Spinal nerves, their rami. Cervical plexus – formation, branches, areas of innervation. Innervation of the skin of the head and neck. Examination of the nerves of the cervical plexus in the living body.</li> </ol>
<b>02 – 06.11.20</b>	<ol style="list-style-type: none"> <li>19. Common, external and internal carotid arteries – topography, branches, areas of irrigation, examination in the living body. Sinocarotid reflexogenic zone.</li> <li>20. Subclavian artery and its branches – topography, areas of irrigation, examination in the living body. Cervical portion of the sympathetic trunk – ganglia, branches (rami), connections.</li> </ol>
<b>09 – 13.11.20</b>	<ol style="list-style-type: none"> <li>21. Veins and lymphatics of the head and neck – topography, examination in the living body. Neurovascular bundle of the neck.</li> <li>22. <i>Blood vessels, lymphatics and nerves of the heart, cardiac plexuses.</i></li> </ol>
<b>16 – 20.11.20</b>	<ol style="list-style-type: none"> <li>23. <i>Blood vessels, lymphatics and nerves of the mediastinum, topography, examination in the living body. Vasculature, innervation and lymph drainage of the organs of the thoracic cavity.</i></li> <li>24. Brachial plexus – formation, topography. Branches of the brachial plexus – paths, areas of innervation, examination in the living body. Innervation of the skin of the upper limb. Thoracic (spinal) nerves, their branches. Innervation of the walls of the thoracic cavity and mammary gland.</li> </ol>
<b>23 – 27.11.20</b>	<ol style="list-style-type: none"> <li>25. Blood vessels and lymphatics of the thorax and upper limb – topography, examination in the living body. Blood supply and lymph drainage of the joints and muscles of the upper limb.</li> <li>26. <b>ASSESSMENT (Oral part and practical skills).</b></li> </ol>
<b>30.11 – 04.12.20</b>	<ol style="list-style-type: none"> <li>27. Abdominal aorta – topography, branches, examination in the living body. Peculiarities of vasculature of the abdominal viscera.</li> <li>28. <i>Blood vessels of the pelvis. Veins of the abdominal cavity, their tributaries, examination in the living body. The portacaval and cavo-caval anastomoses.</i></li> </ol>
<b>07 – 11.12.20</b>	<ol style="list-style-type: none"> <li>29. <i>Lymphatics of the abdomen and pelvis, their applied significance.</i></li> <li>30. Lumbar and sacral portions of the sympathetic trunk, autonomic (vegetative) plexuses of the abdominal and pelvic cavities, and innervation of the abdominal and pelvic viscera.</li> </ol>
<b>14 – 18.12.20</b>	<ol style="list-style-type: none"> <li>31. Blood vessels and lymphatics of the lower limb, examination in the living body. Vasculature of the joints and muscles of the lower limb.</li> <li>32. Lumbar plexus – formation, branches, areas of innervation, examination in the living body. Innervation of the abdominal walls.</li> </ol>
<b>21-25.12.20</b>	<ol style="list-style-type: none"> <li>33. Sacral and coccygeal plexuses – formation, branches, areas of innervation, examination in the living body. Innervation of the joints, muscles and skin of the lower limb. Innervation of the perineum and external genitalia.</li> <li>34. <b>ASSESSMENT (Oral part and practical skills). FINAL ASSESSMENT OF THE PRACTICAL SKILLS.</b> Demonstration of the blood vessels and nerves of the human body regions.</li> </ol>

Head of the Department,  
Professor

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